## CLAIMS

1. A compound of the formula (I):

wherein  $R^1$  is hydrogen, halogen, cyano, lower alkyl, halo-lower alkyl, hydroxy, lower alkoxy or aralkyloxy;  $R^2$  and  $R^3$  are each independently hydrogen, halogen or halo-lower alkyl; and  $R^4$  and  $R^5$  are each independently hydrogen or halogen, provided that when  $R^1$  is hydrogen, a group of the formula:

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and a group of the formula:

do not represent simultaneously 6-fluoro-3-pyridyl and 4-fluorophenyl, respectively, or a salt thereof.

2. The compound as claimed in Claim 1, wherein the compound is a compound of the formula (Ia):

in which  $R^1$  is hydrogen, halogen, cyano, lower alkyl, halo-lower alkyl, hydroxy, lower alkoxy or aralkyloxy.

5 3. The compound as claimed in Claim 2, wherein the compound is a compound of the formula (Ia-1):

in which  $R^1$  is hydrogen, halogen, cyano, lower alkyl, halo-lower alkyl, hydroxy, lower alkoxy or aralkyloxy.

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- 4. The compound as claimed in Claim 2 or Claim 3, wherein  $\mathbb{R}^1$  is hydrogen, halogen or hydroxy.
- 5. The compound as claimed in Claim 4, wherein the halogen as  ${\sf R}^1$  is fluorine.
  - 6. The compound as claimed in Claim 4, wherein  $\mathbb{R}^1$  is hydrogen.

7. The compound as claimed in Claim 1, wherein the compound is a compound of the formula (Ib):

- in which R<sup>1</sup> is hydrogen, halogen, cyano, lower alkyl, halo-lower alkyl, hydroxy, lower alkoxy or aralkyloxy; and R<sup>2b</sup> is halogen or halo-lower alkyl, provided that when R<sup>1</sup> is hydrogen, R<sup>2b</sup> is not fluorine.
- 10 8. The compound as claimed in Claim 7, wherein the compound is a compound of the formula (Ib-1):

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in which  $R^{1b}$  is halogen, cyano, lower alkyl, halo-lower alkyl, hydroxy, lower alkoxy or aralkyloxy; and  $R^{2b}$  is halogen or halo-lower alkyl.

9. The compound as claimed in Claim 8, wherein  $R^{2b}$  is fluorine or trifluoromethyl.

- 10. The compound as claimed in Claim 9, wherein  $R^{1b}$  is halogen or lower alkyl.
- 11. The compound as claimed in Claim 8, wherein the compound is a compound of the formula (Ib-2):

in which R<sup>lba</sup> is halogen.

- 12. The compound as claimed in Claim 11, wherein the halogen as  $R^{1ba}$  is fluorine.
  - 13. The compound as claimed in Claim 8, wherein the compound is a compound of the formula (Ib-3):

- 15 in which R<sup>lbb</sup> is lower alkyl.
  - 14. The compound as claimed in Claim 13, wherein the lower alkyl as  $R^{1bb}$  is methyl.

15. A process for preparing a compound of the formula (I):

wherein  $R^1$  is hydrogen, halogen, cyano, lower alkyl, halo-lower alkyl, hydroxy, lower alkoxy or aralkyloxy;  $R^2$  and  $R^3$  are each independently hydrogen, halogen or halo-lower alkyl; and  $R^4$  and  $R^5$  are each independently hydrogen or halogen, provided that when  $R^1$  is hydrogen, a group of the formula:

and a group of the formula:

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do not represent simultaneously 6-fluoro-3-pyridyl and 4-fluorophenyl, respectively, or a salt thereof, which comprises reacting a compound of the formula (II):

$$R^3$$
 $R^2$ 
 $O(H_3)$ 
 $O(H_3)$ 

wherein  $R^2$ ,  $R^3$ ,  $R^4$  and  $R^5$  have each the same meaning as defined above, with an acid addition salt of a compound represented by the formula (III):

HN 
$$N$$
  $OP^1$   $(III)$ 

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wherein  $P^1$  is hydrogen or a hydroxy-protecting group;  $R^{1p}$  is hydrogen, halogen, cyano, lower alkyl, halo-lower alkyl, lower alkoxy, aralkyloxy or optionally protected hydroxy; and  $R^p$  is amino or lower alkoxy, to produce a compound of the formula (IV):

$$R^3$$
  $R^2$   $CH_3$   $N$   $OP^1$   $(IV)$   $R^{1p}$ 

wherein  $P^1$ ,  $R^{1p}$ ,  $R^2$ ,  $R^3$ ,  $R^4$  and  $R^5$  have each the same meaning as defined above, and optionally removing the protecting group(s) from the compound (IV).

16. A process for preparing a compound of the formula (I):

wherein  $R^1$  is hydrogen, halogen, cyano, lower alkyl, halo-lower alkyl, hydroxy, lower alkoxy or aralkyloxy;  $R^2$  and  $R^3$  are each independently hydrogen, halogen or halo-lower alkyl; and  $R^4$  and  $R^5$  are each independently hydrogen or halogen, provided that when  $R^1$  is hydrogen, a group of the formula:

and a group of the formula:

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do not represent simultaneously 6-fluoro-3-pyridyl and 4-fluorophenyl, respectively, or a salt thereof, which comprises reacting a compound of the formula (II):

$$R^3$$
 $R^2$ 
 $NH_2$ 
 $R^5$ 
 $NH_2$ 
 $NH_2$ 
 $NH_2$ 

wherein  $R^2$ ,  $R^3$ ,  $R^4$  and  $R^5$  have each the same meaning as defined above, with a compound of the formula (V):

$$\begin{array}{c|c}
NC & N & OP^1 \\
\hline
R^{1p} & (V)
\end{array}$$

wherein P<sup>1</sup> is hydrogen or a hydroxy-protecting group; and R<sup>1p</sup> is hydrogen, halogen, cyano, lower alkyl, halo-lower alkyl, lower alkoxy, aralkyloxy or optionally protected hydroxy, to produce a compound of the formula (IV):

$$R^3$$
  $R^2$   $CH_3$   $N$   $N$   $OP^1$   $(IV)$   $R^{1p}$ 

- wherein P<sup>1</sup>, R<sup>1p</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> and R<sup>5</sup> have each the same meaning as defined above, and optionally removing the protecting group(s) from the compound (IV).
  - 17. A process for preparing a compound of the formula (I):

wherein  $R^1$  is hydrogen, halogen, cyano, lower alkyl, halo-lower alkyl, hydroxy, lower alkoxy or aralkyloxy;  $R^2$  and  $R^3$  are each independently hydrogen, halogen or halo-lower alkyl; and  $R^4$  and  $R^5$  are each independently hydrogen or halogen, provided that when  $R^1$  is hydrogen, a group of the formula:

and a group of the formula:

do not represent simultaneously 6-fluoro-3-pyridyl and 4-fluorophenyl, respectively, or a salt thereof, which comprises reacting a compound of the formula (II):

$$R^3$$
 $R^2$ 
 $O(1)$ 
 $O($ 

wherein  $R^2$ ,  $R^3$ ,  $R^4$  and  $R^5$  have each the same meaning as defined above, with a compound of the formula (VI):

$$OH OP^1$$

$$R^{1p}$$

$$(VI)$$

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wherein P<sup>1</sup> is hydrogen or a hydroxy-protecting group; and R<sup>1p</sup> is hydrogen, halogen, cyano, lower alkyl, halo-lower alkyl, lower alkoxy, aralkyloxy or optionally protected hydroxy, to produce a compound of the formula (VII):

$$R^3$$
 $R^2$ 
 $CH_3$ 
 $NH_2$ 
 $OP^1$ 
 $R^{1p}$ 
 $R^{1p}$ 
 $(VII)$ 

wherein  $P^1$ ,  $R^{1p}$ ,  $R^2$ ,  $R^3$ ,  $R^4$  and  $R^5$  have each the same meaning as defined above, subjecting the compound (VII) to intramolecular ring closure condensation to produce a compound of the formula (IV):

$$R^3$$
  $R^2$   $CH_3$   $N$   $OP^1$   $(IV)$   $R^5$   $N$   $OP^1$ 

wherein  $P^1$ ,  $R^{1p}$ ,  $R^2$ ,  $R^3$ ,  $R^4$  and  $R^5$  have each the same meaning as

defined above, and optionally removing the protecting group(s) from the compound (IV).

18. A neuropeptide Y receptor antagonist agent comprising a compound of the formula (I):

wherein  $R^1$  is hydrogen, halogen, cyano, lower alkyl, halo-lower alkyl, hydroxy, lower alkoxy or aralkyloxy;  $R^2$  and  $R^3$  are each independently hydrogen, halogen or halo-lower alkyl; and  $R^4$  and  $R^5$  are each independently hydrogen or halogen, provided that when  $R^1$  is hydrogen, a group of the formula:

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and a group of the formula:

do not represent simultaneously 6-fluoro-3-pyridyl and 4-fluorophenyl, respectively, or a salt thereof as an active ingredient.

19. A pharmaceutical composition for the treatment of bulimia, obesity or diabetes, comprising a compound of the formula (I):

wherein  $R^1$  is hydrogen, halogen, cyano, lower alkyl, halo-lower alkyl, hydroxy, lower alkoxy or aralkyloxy;  $R^2$  and  $R^3$  are each independently hydrogen, halogen or halo-lower alkyl; and  $R^4$  and  $R^5$  are each independently hydrogen or halogen, provided that when  $R^1$  is hydrogen, a group of the formula:

10 and a group of the formula:

do not represent simultaneously 6-fluoro-3-pyridyl and 4-fluorophenyl, respectively, or a salt thereof as an active ingredient.

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